(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 28 July 2005 (28.07.2005)

PCT

(10) International Publication Number WO 2005/067389 A3

(51) International Patent Classification⁷:

G06K 9/00

(21) International Application Number:

PCT/IL2005/000057

- (22) International Filing Date: 16 January 2005 (16.01.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:

60/536,525

15 January 2004 (15.01.2004) US

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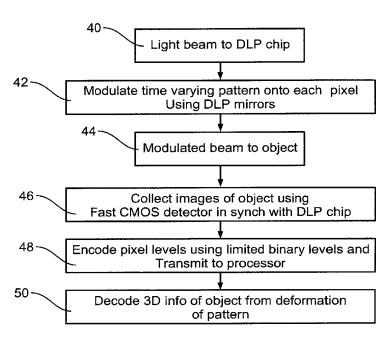
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: THREE-DIMENSIONAL VIDEO SCANNER



(57) Abstract: Apparatus for analyzing light having at least one wavelength, the apparatus having a light deflector (12) for deflecting the light to provide a deflected light beam characterized by at least one wavelength dependent angle corresponding to the at least one wavelength of light, and encoder (20) capable of encoding the deflected light beam so as to provide an encoded light beam characterized by at least one angle dependent polarization state corresponding to the at least one wavelength-dependent angle; and a decoder (24) for decoding the encoded light beam to determine at least one spectral component of the light.



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- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
- $\textbf{(88)} \ \ \textbf{Date of publication of the international search report:}$

22 September 2005